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RESULT
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01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)
01-JUN-1998 (TREMBLREL. 06, LAST ANNOTATION UPDATE)
 DΤ
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     P53-REGULATED DNA DAMAGE-INDUCIBLE CELL DEATH RECEPTOR.
 DE
 GN
     KILLER OR DR5.
     HOMO SAPIENS (HUMAN).
 OS
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 OC
 OC
     EUTHERIA; PRIMATES.
 RN
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     SEQUENCE FROM N.A.
 RC
     TISSUE=OVARIAN;
     WU G.S., EL-DEIRY W.S.;
 RA
     NAT. GENET. 16:0-0(1997).
 RL
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 RN
 RP
     SEQUENCE FROM N.A.
 RX
     MEDLINE; 97390508.
 RA
     PAN G., NI J., WEI Y.F., YU G., GENTZ R., DIXIT V.M.;
     SCIENCE 277:815-818(1997).
 DR
     EMBL; AF022386; G2460428; -.
DR
     EMBL; AF012628; G2338429; -.
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          411; Conservative
                              0; Mismatches
                                            0;
                                               Indels
                                                        0; Gaps
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Db
         1 MEQRGQNAPAASGARKRHGPGPREARGARPGPRVPKTLVLVVAAVLLLVSAESALITQQD 60
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Db
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Qу
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L3 ANSWER 4 OF 8 MEDLINE

AN 97467719 MEDLINE

DN 97467719

TI KILLER/DR5 is a DNA damage-inducible p53-regulated death receptor gene [letter].

AU Wu G S; Burns T F; McDonald E R 3rd; Jiang W; Meng R; Krantz I D; Kao G; Gan D D; Zhou J Y; Muschel R; Hamilton S R; Spinner N B; Markowitz S; Wu G; el-Deiry W S

SO NATURE GENETICS, (1997 Oct) 17 (2) 141-3. Journal code: BRO. ISSN: 1061-4036.

CY United States

DT Letter

LA English

FS Priority Journals

EM 199801

EW 19980104

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     01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)
 DT
     01-JUN-1998 (TREMBLREL. 06, LAST ANNOTATION UPDATE)
 DT
 DE
     CYTOTOXIC TRAIL RECEPTOR-2.
 GN
     DR5 OR TRICK2A.
 OS
     HOMO SAPIENS (HUMAN).
 OC
     EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;
 OC
     EUTHERIA; PRIMATES.
 RN
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 RP
     MACFARLANE M., AHMAD M., SRINIVASULA S.M., FERNANDES-ALNEMRI T.,
     COHEN G.M., ALNEMRI E.S.;
 RL
     J. BIOL. CHEM. 0:0-0(1997).
                                 Oct- 10
 RN
     [2]
 RP
     SEQUENCE FROM N.A.
     SCREATON G.R., MONGKOLSAPAYA J., XU X., COWPER A.E., MCMICHAEL A.J.,
 RA
RΑ
     BELL A.J.;
     CURR. BIOL. 0:0-0(1997).
RL
RN
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     SEQUENCE FROM N.A.
RΡ
RX
     MEDLINE; 98090092.
     CHAUDHARY P.M., EBY M., JASMIN A., BOOKWALTER A., MURRAY J., HOOD L.;
RA
     IMMUNITY 7:821-830(1997).
RL
RN
     [4]
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     CHAUDHARY P.M., EBY M., JASMIN A., BOOKWALTER A., HOOD L.;
RA
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     EMBL; AF018657; G2407651; -.
DR
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     EMBL; AF016268; G2832230; -.
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                                                 Indels
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                                                            Gaps
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Db
         1 MEQRGQNAPAASGARKRHGPGPREARGARPGPRVPKTLVLVVAAVLLLVSAESALITQQD 60
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Db
         61 LAPQQRAAPQQKRSSPSEGLCPPGHHISEDGRDCISCKYGQDYSTHWNDLLFCLRCTRCD 120
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Db
         ......
     121 SGEVELSPCTTTRNTVCQCEEGTFREEDSPEMCRKCRTGCPRGMVKVGDCTPWSDIECVH 180
Qу
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Qу
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Qу	301		360
Db		VNKTGRDASVHTLLDALETLGERLAKQKIEDHLLSSGKFMYLEGNADSAMS 411	
Qy			

L6 ANSWER 2 OF 2 MEDLINE

AN 97467318 MEDLINE

DN 97467318

TI Identification and molecular cloning of two novel receptors for the cytotoxic ligand TRAIL.

AU MacFarlane M; Ahmad M; Srinivasula S M; Fernandes-Alnemri T; Cohen G M; Alnemri E S

CS Center for Apoptosis Research and the Department of Microbiology and Immunology, Kimmel Cancer Institute, Thomas Jefferson University, Philadelphia, Pennsylvania 19107, USA.

NC AG 13487 (NIA)

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Oct 10) 272 (41) 25417-20. Journal code: HIV. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

OS GENBANK-AF020501; GENBANK-AF020502

EM 199801

EW 19980104

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ID
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     01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)
     01-JUN-1998 (TREMBLREL. 06, LAST ANNOTATION UPDATE)
 DT
     DEATH RECEPTOR 5.
 DE
 GN
     DR5.
     HOMO SAPIENS (HUMAN).
OS
OC
     EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;
OC
     EUTHERIA; PRIMATES.
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    SHERIDAN J.P., MARSTERS S.A., PITTI R.M., GURNEY A., SKUBATCH M.,
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RA
    GODDARD A.D., GODOWSKI P., ASHKENAZI A.;
RA
                                            AUG
    SCIENCE 277:818-821(1997).
RL
DR
    EMBL; AF012535; G2338420; -.
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  Best Local Similarity 99.5%;
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Db
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Db
        301 NEGDPTETLRQCFDDFADLVPFDSWEPLMRKLGLMDNEIKVAKAEAAGHRDTLYTMLIKW 360
QУ
     361 VNKTGRDASVHTLLDALETLGERLAKQKIEDHLLSSGKFMYLEGNADSALS 411
Db
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QУ
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RESULT

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     01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)
 DT
     01-AUG-1998 (TREMBLREL. 07, LAST ANNOTATION UPDATE)
 DT
 DE
     APOPTOSIS INDUCING RECEPTOR TRAIL-R2.
 GN
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 OS
     HOMO SAPIENS (HUMAN).
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OC
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     WALCZAK H., DEGLI-ESPOSTI M.A., JOHNSON R.S., SMOLAK P.J., WAUGH J.Y.,
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     BOIANI M., TIMOUR M.S., GERHART M.J., SCHOOLEY K.A., SMITH C.A.,
     GOODWIN R.G., RAUCH C.T.;
RA
     EMBO J. 16:5386-5397(1997).
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392 HLLSSGKFMYLEGNADSAMS 411

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L9 ANSWER 2 OF 2 MEDLINE AN 97459925 MEDLINE 97459925 DN TRAIL-R2: a novel apoptosis-mediating receptor for TRAIL. ΤI Walczak H; Degli-Esposti M A; Johnson R S; Smolak P ΑU J; Waugh J Y; Boiani N; Timour M S; Gerhart M J; Schooley K A; Smith C A; Goodwin R G; Rauch C T Immunex Corporation, 51 University Street, Seattle, WA 98101, USA. CS EMBO JOURNAL, (1997 Sep 1) 16 (17) 5386-97. Journal code: EMB. ISSN: 0261-4189. SO CY ENGLAND: United Kingdom Journal; Article; (JOURNAL ARTICLE) DTLΑ English Priority Journals GENBANK-AF016849 FS OS

EM

199802

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    01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)
    01-JUN-1998 (TREMBLREL. 06, LAST ANNOTATION UPDATE)
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    EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;
OC
OC
    EUTHERIA; PRIMATES.
RN
RΡ
    SEQUENCE FROM N.A.
    SCREATON G.R., MONGKOLSAPAYA J., XU X., COWPER A.E., MCMICHAEL A.J.,
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RΑ
    BELL A.J.;
    CURR. BIOL. 0:0-0(1997).
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    SCHNEIDER P., BODMER J.-L., THOME M., HOLLER N., HOFMANN K.,
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Db
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L12 ANSWER 2 OF 2 MEDLINE AN 97431692 MEDLINE DN 97431692 TRICK2, a new alternatively spliced receptor that transduces the ΤI cytotoxic signal from TRAIL. ΑU Screaton G R; Mongkolsapaya J; Xu X N; Cowper A E; McMichael A J; Bell J I Molecular Immunology Group Institute of Molecular Medicine John Radcliffe Hospital Oxford, OX3 9DS, UK. CURRENT BIOLOGY, (1997 Sep 1) 7 (9) 693-6. Journal code: B44. ISSN: 0960-9822. SO ENGLAND: United Kingdom CYJournal; Article; (JOURNAL ARTICLE) DTLAEnglish FS Priority Journals GENBANK-AF018657; GENBANK-AF018658

os EM

199804

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                                                            19-APR-1997
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 ACCESSION
             U90875
 NID
             g1945071
 KEYWORDS
 SOURCE
            human.
   ORGANISM
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            Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
            Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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              (bases 1 to 1407)
            Pan, G., O'Rourke, K., Chinnaiyan, A.M., Gentz, R., Ebner, R., Ni, J. and
   AUTHORS
            Dixit, V.M.
   TITLE
            The receptor for the cytotoxic ligand TRAIL
   JOURNAL
            Science 276 (5309), 111-113 (1997)
   MEDLINE
            97238921
 REFERENCE
              (bases 1 to 1407)
  AUTHORS
            Pan, G., O'Rourke, K., Chinnaiyan, A.M., Gentz, R., Ebner, R., Ni, J. and
            Dixit, V.M.
   TITLE
            Direct Submission
            Submitted (25-FEB-1997) Pathology, University of Michigan, 1301
   JOURNAL
            Catherine Road, Ann Arbor, MI 48109, USA
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                    /codon start=1
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                   VVPSSAATIKLHDQSIGTQQWEHSPLGELCPPGSHRSERPGACNRCTEGVGYTNASNN
                   {\tt LFACLPCTACKSDEEERSPCTTTRNTACQCKPGTFRNDNSAEMCRKCSTGCPRGMVKV}
                   {\tt KDCTPWSDIECVHKESGNGHNIWVILVVTLVVPLLLVAVLIVCCCIGSGCGGDPKCMD}
                   {\tt RVCFWRLGLLRGPGAEDNAHNEILSNADSLSTFVSEQQMESQEPADLTGVTVQSPGEA}
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                               0; Mismatches 341; Indels 21;
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Db
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                                              1 111 1 111 111
                                      1 1 11
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Qy
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Db
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Db	491 GCCTCCCATGTACAGCTTGTAAATCAGATGAAGAAGAGAGAG
Qу	467 GCTTGCGCTGCACCAGGTGTGATTCAGGTGAAGTGGAGCTAAGTCCCTGCACCACGACCA 526
Db	551 GGAACACAGCATGTCAGTGCAAACCAGGAACTTTCCGGAATGACAATTCTGCTGAGATGT 610
Qу	
Db	611 GCCGGAAGTGCACAGGGTGCCCCAGAGGGATGGTCAAGGTCAAGGATTGTACGCCCT 670
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Db	731 TGGTTGTGACTTTGGTTGCTTGCTGTTGGTGGCTGTGCTGATTGTCTGTTGCA 790
Qу	
Db	791 TCGGCTCAGGTTGTGGAGGGGACCCCAAGTGCATGGACAGGGTGTGTTTCTGGCGCTTGG 850
Qу	
Db	851 GTCTCCTACGAGGCCTGGGGCTGAGGACAATGCTCACAACGAGATTCTGAGCAACGCAG 910
Qу	
Db	911 ACTCGCTGTCCACTTTCGTCTCTGAGCAGCAAATGGAAAGCCAGGAGCCGGCAGATTTGA 970
Qу	876 -CTTGCAGCCCACCCAGGTCCCTGAGCAGGAAATGGAAGTCCAGGAGCCAGCAGAGCCAA 934
Db	971 CAGGTGTCACTGTACAGTCCCCAGGGGAGGCACAGTGTCTGCTGGGACCGGCAGAAGCTG 1030
Qу	
Db	1031 AAGGGTCTCAGAGGAGGAGGCTGCTGCTTCCAGCAAAMGCTGCTGCTGCAGAAA
Qу	
Db	1091 TGATGCTGTTCTTTGACAAGTTTGCAAACATCGTCCCCCCTTTTGACAAGTTTGCAAACATCGTCCCCCCTTTTTGACAAGTTTGCAAACATCGTCCCCCCTTTTTGACAAGTTTGCAAACATCGTCCCCCCTTTTTGACAAGTTTTGCAAACATCGTCCCCCCTTTTTGACAAGTTTTGCAAAACATCCTTCCCTCCC
Qу	
Db	1151 TGAGGCAGCTGGACCTCACGAAAATGAGATGAGATGAGTGGTGGTGAGAGAGA
Qy	
Db	1211 CAGGGGATGCCTTGTATGCAATGCTGATGAATGCCTCAATG
Qy	
Db	1271 CGATCCACACCCTGCTGGATGCCTTGGAGAGAGAGAGAGA

QУ	1235	CTGTCCACACCCTGCTGGATGCCTTGGAGACGCTGGGAGAGAGA	1294
Db	1331	TTCAGGACCTCTTGGTGGACTCTGGAAAGTTCATCTACTTAGAAGATGGCACAGGCTCTG	1390
		TTGAGGACCACTTGTTGAGCTCTGGAAAGTTCATGTATCTAGAAGGTAATGCAGACTCTG	
	1391	CCGTGTCCTTGGAGTGA 1407	
Qу	1355	CCATGTCCTAAGTGTGA 1371	

